

MOLD FLUXES USE IN THE CONTINUOUS CASTING OF STEEL**Patent number:** JP10501471T**Publication date:** 1998-02-10**Inventor:****Applicant:****Classification:****- international:** B22D11/111; B22D11/11; (IPC1-7): B22D11/10; C21C7/076**- european:** B22D11/111**Application number:** JP19960530791T 19960312**Priority number(s):** WO1996GB00568 19960312; US19950421151 19950410**Also published as:**

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A granular mould flux for use in the continuous casting of steel, and particularly ultra low carbon steels, comprises refractory metal oxide, one or more fluxing agents, an expanding agent such as expandable graphite, expandable perlite or expandable vermiculite, carbon black, manganese dioxide and starch. The granules are preferably spherical granules of 0.1 mm to 1 mm in diameter. A preferred composition contains sodium carbonate and/or lithium carbonate which act binders in addition to being fluxing agents.

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